

# Review of: "The Use of Simulation in Endoscopic Retrograde Cholangiopancreatography training: A Literature Review"

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Interesting literature review with meta analysis on the use of simulation for ERCP training. The author includes an introduction (which could be shortened) on ERCP basics, including cannulation, sphincterotomy, stone extraction and biliary stenting. Follows a description of different simulation modalities (EMS, ECS, and animal models), applied to ERCP. A table with different available models would be of interest here. The model used in the paper by Voiosu et al, EIO 2021 (Boskoski Costamagna trainer), should be included, as it is the most frequently used in the last 4 years. The authors goes through the published data and presents potential biases in structured way. The conclusions are that EMS can help in improving biliary cannulation rates during ERCP training, therefor highlighting the role the aforementioned models can play in the ERCP training curriculum.